

What is claimed is:

1. A synchronous controller for driving a slave axis to synchronously follow a master axis performing a composite motion of a plurality of axes, comprising:

a master-axis motion amount calculation section for calculating a motion command amount of the master axis by combining motion command amounts of the plurality of axes at every predetermined period; and

a synchronous processing section for calculating a motion command amount of the slave axis at every predetermined period based on the motion command amount of the master axis calculated by said master-axis motion amount calculation section to be outputted for the slave axis.

2. A synchronous controller for driving a slave axis to synchronously follow an operation of a master axis performing a composite motion of a plurality of axes, comprising:

a master-axis motion amount calculation section for calculating a motion amount of the master axis by combining motion amounts detected by detectors of the plurality of axes for every predetermined period; and

a synchronous processing section for calculating a motion amount of the slave axis at every predetermined period based on the motion amount of the master axis calculated by said master-axis motion amount calculation section to be outputted for the slave axis.